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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(Attorney Docket Number: 114096.131 US2)

In re Application of: Henry A. Hill )  
Serial No.: 10/816, 172 ) Examiner: Not Yet Assigned  
Filed: April 1, 2004 ) Group Art Unit: 2877

For: APPARATUS AND METHOD FOR MEASUREMENT OF FIELDS OF  
BACKSCATTERED AND FORWARD SCATTERED/REFLECTED BEAMS BY AN  
OBJECT IN INTERFEROMETRY

\*\*\*\*\*  
**CERTIFICATE OF FIRST CLASS MAILING UNDER 37 CFR §1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

Date: 3/23/05

Brenda P. Robles  
Brenda Robles

\*\*\*\*\*  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL LETTER**

Dear Sir:

Enclosed herewith for filing in the above-identified patent application are the following documents:

1. Information Disclosure Statement (2 pages);
2. Form PTO-1449 (3 pages);
3. References as Cited (5);
4. Certificate of First Class Mailing; and
5. Return Postcard.

No fees are believed to be due in connection with this submission. However, please charge any fees that might be due or credit any overpayment to our Deposit Account No. 08-0219.

Respectfully submitted,

Eric L. Prah

Eric L. Prah, Reg. No. 32,590  
Attorney/Agent for Applicant

Date: March 23, 2005  
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**INFORMATION DISCLOSURE STATEMENT**

Commissioner:

Applicant and their legal representatives hereby make of record on the attached PTO Form-1449 the following publications, which are known to them and considered warranting disclosure under 37 C.F.R. §1.56. Copies of the non-patent references are enclosed.

It is respectfully requested that the information above be expressly considered during the prosecution of this application and that the publications be made of record therein and appear among the "References Cited" on any patent to issue therefrom. In this regard, it is requested that the Examiner initial and return a copy of the enclosed Form PTO-1449 with the next Patent Office Communication.

This submission does not represent that a search has been made and does not constitute an admission that the listed documents are material to patentability or that the listed documents are prior art. If it should be determined that any of the listed documents do not constitute "prior art" under United States law, Applicant reserves the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

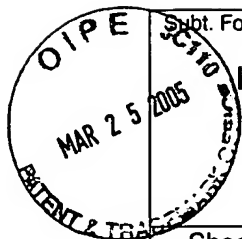
This Information Disclosure Statement is being filed under 37 C.F.R. § 1.97 (b) (3), before the mailing date of a first Office Action on the merits, and therefore no fee is believed to be due. The Commissioner, however, is hereby authorized to charge any fees necessary to maintain the pendency of this application to Deposit Account No. 08-0219.

Respectfully submitted,

Date: March 23, 2005  
Wilmer Cutler Pickering Hale and Dorr LLP  
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Eric L. Prahl, Reg. No. 32,590  
Attorney/Agent for Applicant



Subt. For, PTO-1449		Docket Number 114096.131 US2	Application Number 10/816,172
<b>INFORMATION DISCLOSURE IN AN APPLICATION</b> (Use several sheets if necessary)		Applicant <b>Henry A. Hill</b>	
		Filing Date <b>April 1, 2004</b>	Group Art Unit <b>2877</b>
Sheet	1	OF	3

U.S. Patent Documents				
Examiner Initial	Document Number	Publn. Date mm-dd-yyyy	Name Of Patentee Or Applicant Of Cited Documents	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
	09/852,369	01/03/02	Hill	
	09/917,402	07/27/01	Hill	
	10/765,368	01/27/04	Hill	
	3,628,027	12/14/71	Brauss	
	3,748,015	07/24/73	Offner	
	4,011,011	03/08/77	Hemstreet et al.	
	4,226,501	10/07/80	Shafer	
	4,272,684	06/09/81	Seachman	
	4,685,803	08/11/87	Sommargren	
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	5,220,403	09/30/02	Batchelder	
	5,241,423	08/31/93	Chiu et al.	
	5,327,223	07/05/94	Korth	
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	6,447,122	09/10/02	Kobayashi et al.	
	6,480,285	03/16/00	Hill	
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EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP § 609: Draw Line through citation if not conformance and not considered. Include copy with next communication to applicant.	

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				Filing Date <b>April 1, 2004</b>		Group Art Unit <b>2877</b>	
Sheet	2	OF	3				

	6,552,852	12/20/01	Hill	
	6,597,721	07/22/03	Hutchinson et al.	
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	US2004/0228008	04/04/04	Hill	
	US2004/0246486	01/27/04	Hill	
	US2004/0257577	01/27/04	Hill	

Foreign Patent Documents					
Examiner Initial	Cite No.	Foreign Patent Document	Publn. Date mm-dd-yyyy	Country	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code-Number-Kind			

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Sheet	3	OF	3				

Examiner's Initial	Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)	
	AA	Silfvast, W. (1995) "Lasers", <i>Handbook of Optics</i> , New York:: McGraw-Hill, Ch. 11
	AB	Stoicheff, et al. "Tunable, Coherent Sources for High Resolution VUV and XUV Spectroscopy", <i>Laser Techniques for Extreme Ultraviolet Spectroscopy</i> , P. 19 (1982)
	AC	Harris, et al. "Generation of Ultraviolet and Vacuum Ultraviolet Radiation" <i>Laser Spectroscopy</i>
	AD	Kung, A.H., "Generation of Tunable Picosecond VUV Radiation" <i>Appl. Phys Lett.</i> 25, p. 653 (1974)
	AE	D'ariano, et al. "Lower Bounds on Phase Sensitivity in Ideal and Feasible Measurements" <i>Phys. Rev. A</i> 49, pp. 3022-3036 (1994)

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